

MASTER AGREEMENT

Master Agreement - E194 - 84 - 2

Document Id: 84
Print Date: 8/18/2004
Procurement Folder: 142
Effective Begin Date: 9/1/2006

Document Name: Dispensers Drinking Water
Created On: 8/12/2004
Procurement Type: IFB
Expiration Date: 8/31/2007

Requester Name: Edwin M. Patterson

Phone: (804) 786-3897
Email: epatterson@dgs.state.va.us

Extended Description: Term Contract for
Drinking Water Dispensers

Contact Information

Edwin M. Patterson
Email: epatterson@dgs.state.va.us

Phone: (804) 786-3897
Fax: (804) 786-0223

Authorized Departments

Department: State Agencies and Other Public Bodies

Vendor

Legal Name: HAJOCA CORP
Location Legal Name: HAJOCA CORP
Virginia Beach
Vendor Contact Phone: (757) 627-7766
Fax: (757) 640-1877
FIN: 232203401

Vendor Contact Name: hajoca corp
Address: 3464 E. Virginia Beach Blvd.
Norfolk, VA 23502
Vendor Contact Email:
JGRAHAM@HAJOCA.COM
Vendor Type: Primary

Renewal Periods

Line Number: 2

Renewal Period Length: 1
Effective Date: 9/1/2007
Notification Days Prior to Expiration: 90

Renewal Period Unit: Years
Expiration Date: 8/31/2008

Line Number: 3

Renewal Period Length: 1
Effective Date: 9/1/2008
Notification Days Prior to Expiration: 90

Renewal Period Unit: Years
Expiration Date: 8/31/2009

Terms and Conditions

RENEWAL OF CONTRACT: This contract may be renewed by the Commonwealth upon written agreement of both parties for two (2) successive one year periods, under the terms of the current contract, and at a reasonable time (approximately 90 days) prior to the expiration.

PRICE ESCALATION/DE-ESCALATION: Price adjustments may be permitted for changes in the contractor's cost of materials not to exceed the increase in the following index/indices: The Producers Price Index, table 6, commodity code 1148-0311 Drinking Water Dispensers. No price increases will be authorized for 365 calendar days after the effective date of the contract. Price escalation may be permitted only at the end of this period and each 365 days thereafter and only where verified to the satisfaction of the purchasing office. However, "across the board" price decreases are subject to implementation at any time and shall be immediately conveyed to the Commonwealth. Contractor shall give not less than 30 days advance notice of any price increase to the purchasing office. Any approved price changes will be effective only at the beginning of the calendar month following the end of the full 30 day notification period.

The contractor shall document the amount and proposed effective date of any general change in the price of materials. Documentation shall be supplied with the contractor's request for increase which will: (1) verify that the requested price increase is general in scope and not applicable just to the Commonwealth of Virginia; and (2) verify the amount or percentage of increase which is being passed on to the contractor by the contractor's suppliers. The purchasing office will notify the using agencies and contractor in writing of the effective date of any increase which it approves. However, the contractor shall fill all purchase orders received prior to the effective date of the price adjustment at the old contract prices. The contractor is further advised that decreases which affect the cost of materials are required to be communicated immediately to the purchasing office.

MINIMUM ORDERS: will be \$100 for F.O.B. delivery to ordering agency within the Commonwealth of Virginia. For orders of less than \$100, the contractor will be permitted to add actual transportation cost (prepaid) to invoice for payment, or the agency may purchase such order off contract from other sources. Partial shipments of less than the minimum order value which are made at the option of the contractor shall be made F.O.B. Destination with no transportation charges added. If at the agency's request shipments are below the minimum order value, the contractor may add actual transportation cost to invoice for payment.

WARRANTY: All materials and equipment shall be fully guaranteed against defects in material and workmanship for a period of One-Year following date of delivery. Should any defect be noted by the owner, the Purchasing Office will notify the contractor of such defect or non-conformance. Notification will state either (1) that the contractor shall replace or correct, or (2) the owner does not require replacement or correction, but an equitable adjustment to the contract price will be negotiated. If the contractor is required to correct or replace, it shall be at no cost to the Commonwealth and shall be subject to all provisions of this clause to the same extent as materials initially delivered. If the contractor fails or refuses to replace or correct the deficiency, the office issuing the purchase order may have the materials corrected or replaced with similar items and charge the contractor the costs occasioned thereby or obtain an equitable adjustment in the contract price.

ORDERS: Applicable departments, institutions and agencies of the Commonwealth may order by one of the following methods. a. Issuing Agency Purchase Order, Form DGS-41-011. b. Verbal order (for orders valued under \$2,000): Local control number must be provided by the authorized ordering official which must also appear on invoice. c. Charge card: An ordering and payment process under contract with American Express (AMEX). Each order must not exceed \$5,000 - payment will be made to contractor by AMEX within three business days. Contractor is encouraged to accept this method of receiving orders. Contact DPS contract officer whose name appears on page 1 of this solicitation or AMEX (800) 686-5493 Mailbox 3901, for sign-up details.

eVA BUSINESS-TO-GOVERNMENT VENDOR REGISTRATION: The eVA Internet electronic procurement solution, web site portal www.eVA.virginia.gov streamlines and automates government purchasing activities in the Commonwealth. The eVA portal is the gateway for vendors to conduct business with state agencies and public bodies. All vendors desiring to provide goods and/or services to the Commonwealth shall participate in the eVA Internet e-procurement solution either through the eVA Basic Vendor Registration Service or eVA Premium Vendor Registration Service. All bidders or offerors must register in eVA; failure to register will result in the bid/proposal being rejected. a.) eVA Basic Vendor Registration Service: \$25 Annual Fee plus the appropriate order Transaction Fee specified below. eVA Basic Vendor Registration Service includes electronic order receipt, vendor catalog posting, on-line registration, electronic bidding and the ability to research historical procurement data available in the eVA purchase transaction data warehouse. b.) eVA Premium Vendor Registration Service: \$25 Annual Fee plus the appropriate Transaction Fee specified below. eVA Premium Vendor Registration Service includes all benefits of the eVA Basic Vendor Registration Service plus automatic email or fax notification of solicitations and amendments. c.) For orders issued prior to August 16, 2006 the Vendor Transaction Fee is 1% capped at a maximum of \$500 per order. d.) For orders issued August 16, 2006 and after, the Vendor Transaction Fee is: (i) DMBE-certified Small Businesses: 1% capped at \$500 per order. (ii) Businesses that are not DMBE-certified Small Businesses: 1% capped at \$1,500 per order.

eVA BUSINESS-TO-GOVERNMENT VENDOR REGISTRATION: The eVA Internet electronic procurement solution, web site portal www.eVA.virginia.gov streamlines and automates government purchasing activities in the Commonwealth. The eVA portal is the gateway for vendors to conduct business with state agencies and public bodies. All vendors desiring to provide goods and/or services to the Commonwealth shall participate in the eVA Internet e-procurement solution either through the eVA Basic Vendor Registration Service or eVA Premium Vendor Registration Service. All bidders or offerors must register in eVA; failure to register will result in the bid/proposal being rejected. a.) eVA Basic Vendor Registration Service: \$25 Annual Fee plus the appropriate order Transaction Fee specified below. eVA Basic Vendor Registration Service includes electronic order receipt, vendor catalog posting, on-line registration, electronic bidding and the ability to research historical procurement data available in the eVA purchase transaction data warehouse. b.) eVA Premium Vendor Registration Service: \$25 Annual Fee plus the appropriate Transaction Fee specified below. eVA Premium Vendor Registration Service includes all benefits of the eVA Basic Vendor Registration Service plus automatic email or fax notification of solicitations and amendments. c.) For orders issued prior to August 16, 2006 the Vendor Transaction Fee is 1% capped at a maximum of \$500 per order. d.) For orders issued August 16, 2006 and after, the Vendor Transaction Fee is: (i) DMBE-certified Small Businesses: 1% capped at \$500 per order. (ii) Businesses that are not DMBE-certified Small Businesses: 1% capped at \$1,500 per order. (iii) Other Businesses not specified in (i) or (ii) above: 1%, capped at \$1,500 per order.

PURCHASE VOLUME REPORT: The Contractor shall furnish the Division of Purchases and Supply reports of the total dollar volume of purchases made under this contract and the total number of each contract item ordered under this contract in accordance with the following schedule: The first report shall include purchases made in the first twelve months of the contract. In addition, for contracts exceeding one year, the Contractor shall furnish reports at the end of each consecutive twelve month period and 90 calendar days prior to the expiration date of the contract. All reports shall be delivered to the Division of Purchases and Supply or fax at 804-371-8936 no later than 14 calendar days after the request has been made by the Division. Reports shall be sent to the attention of Ed Patterson contract officer. Failure to submit this information in the required time may result in disqualification from bidding on the next solicitation for this contract. The report shall include total dollar volume of purchases and the total number of each item ordered by State agencies, institutions and departments.

DELIVERY SERVICE: Delivery of all requested contract items shall be made within 21 calendar days after receipt of purchase order. Contractor shall carry an adequate stock to insure such delivery service for the duration of the contract.

INSTRUCTIONS

1. ORDERS:

- A. Unless otherwise instructed by the Division of Purchases and Supply, all departments, institutions and agencies of the Commonwealth of Virginia will order items/services through eVA.
- B. If this contract is authorized for use by localities, Virginia cities, counties, towns and political subdivisions, orders will be placed through eVA to the maximum extent possible.
2. The applicable contract number, federal employer identification number (FEI), and item number (for itemized contracts) must be shown on each purchase order and copy, each facsimile transmission or given verbally when telephonic orders are placed.
3. Inspection on delivery and approval of vendor's invoice is the responsibility of receiving state agency, Virginia city, county, town or political subdivision.
4. Any complaint as to quality, faulty or delinquent delivery, or violation of contract provisions by contractor shall be reported to the Division of Purchases and Supply for handling with the contractor. Preprinted forms (DGS-41-024), by which to facilitate the notification of the contractor and this office of complaints, are available from the Division of Purchases and Supply (786-8873).

Commodity Information

Line: 1

Line Type: **Item**

Commodity: **22530**

Description: **Coolers, Electric (Including Parts)** Extended Description: **Drinking water dispenser, bubbler type, free standing, style A, class 1, five gal. Size 5, min 4.5 gal/hr, Compressor, HP 1/5, 115V60 Hz, Single Phase. ELKAY MODEL NUMBER FD 7005T1Z**

Unit: **each**

Unit Price: **\$233.00**

Free On Board Name: **FOB Destination-Freight Prepaid**

Line: 2

Line Type: Item

Commodity: 22530

Description: Coolers, Electric (Including Parts) Extended Description: Glass Filler for item (1),
ELKAY MODEL LK1110

Unit: each

Unit Price: \$44.00000

Free On Board Name: FOB Destination-Freight Prepaid

Line: 3

Line Type: Item

Commodity: 22530

Description: Coolers, Electric (Including Parts) Extended Description: Drinking water dispenser,
bubbler type, wall mount, style B, class 1, five
gal. size 5, min 4.5 gal/hr draw off. Compressor
HP 1/8, 115V60Hz, single phase. ELKAY
HEW5LIZ

Quantity: 35

Unit Price: \$252.00

Free On Board Name: FOB Destination-Freight Prepaid

Line: 4

Line Type: Item

Commodity: 22530

Description: Coolers, Electric (Including Parts) Extended Description: Glass filler for the above
dispenser. ELAKY MODEL LK1110

Unit: each

Unit Price: \$44.00000

Free On Board Name: FOB Destination-Freight Prepaid

Line: 5

Line Type: Item

Description: Coolers, Electric (Including Parts) Extended Description: Drinking water dispenser,
bubbler type, free standing, style A, class 1,
Fourteen gal. size 14, with min 13.5 gal/hr. draw
off, Compressor HP 1/5, 115V60Hz single
phase. ELKAY MODEL EFA14LIZ

Unit: each

Unit Price: \$290.00

Free On Board Name: FOB Destination-Freight Prepaid

Line: 6

Line Type: Item

Commodity: 22530

Description: Coolers, Electric (Including Parts) Extended Description: Glass Filler for the above item. ELKAY MODEL LK1110

Unit: each

Unit Price: \$44.00000

Free On Board Name: FOB Destination-Freight Prepaid

Line Type: Item

Commodity: 22530

Description: Coolers, Electric (Including Parts) Extended Description: Drinking water dispenser, bubbler type, wall mount, style B, class 1, fourteen gal. size 14 with min 13.5 gal/hr. draw off. compressor. HP 1/5, 115V60 Hz, single phase. ELKAY MODEL EWA14LIZ

Unit: each

Unit Price: \$279.00

Free On Board Name: FOB Destination-Freight Prepaid

Line: 8

Line Type: Item

Commodity: 22530

Description: Coolers, Electric (Including Parts) Extended Description: Glass filler for above dispenser. ELKAY MODEL LK1110

Unit: each

Unit Price: \$44.00000

Free On Board Name: FOB Destination-Freight Prepaid

No Lead Space-ette®
Floor-Mounted and Flush to Wall Water Cooler
Models FD-700-1, FD-700-3, FD-700-5, FD-700-8
FD-700-10 and FHD-700-5 (Hot and Cold Service)

ELKAY®

SPECIFICATIONS

GENERAL

Self-contained, electric refrigerated floor model water cooler. Capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

This model furnished with hermetically sealed combination tank-tube type cooling unit enclosed in cabinet. Cabinet design allows for flush to wall installation. Removable front panel and cabinet sides are Sandalwood Vinyl.

Non-pressurized tank system is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when valve button is pressed.

NO LEAD DESIGN

THIS WATER COOLER COMPLIES WITH THE LEAD-FREE DEFINITION IN THE SAFE DRINKING WATER ACT OF 1986 AND LEAD CONTAMINATION CONTROL ACT OF 1988.

Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free material. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of water born particulate of 140 microns and larger prior to their entry into the water cooler.



These water coolers are Classified by Underwriters Laboratories Inc. in accordance with **ANSI/NSF61, Section 9-1997b**.

CAPACITIES CHART

Model Number	Base Rate	**GPH of 50° F Drinking Water			Rated Watts	Full Load Amps	†Glass Filler Option	Ship. Wt. Lbs.
		Room Temperature ° F						
		70°F	80°F	90°F				
FD-700-1	1.0	1.1	1.1	1.0	200	2.3	Yes	55
FD-700-3	2.8	3.2	3.0	2.8	200	2.3	Yes	63
FD-700-5	2.6	5.8	5.4	5.0	250	3.5	Yes	63
FD-700-8	4.6	9.4	8.7	8.1	350	5.0	Yes	63
FD-700-10	6.4	11.4	10.6	9.8	500	6.8	Yes	64
FHD-700-5	2.6	5.8	5.4	5.0	750	7.7	No	72

** Based on 80°F inlet water temperature.

† Glass filler available at extra cost. Requires factory preparation to receive glass filler.

Rated watts shown are based on operational (run) time, in accordance with ARI Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

COOLING SYSTEM

Motor Compressor: Hermetically sealed, reciprocating type, 115V, 60 Hertz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug.

Condenser: Fan cooled, copper tube with aluminum fins. (EFA-4 has steel tube with steel fins.) Fan motor is permanently lubricated.

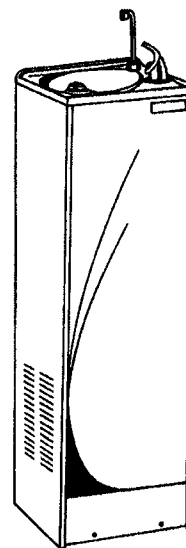
Cooling Unit: Combination tube-tank type. Tube portion is continuous coil of copper tubing. Fully insulated with EPS foam which meets Underwriters Laboratories requirements for self extinguishing material.

Refrigerant Control: Refrigerant HFC-134a is controlled by accurately calibrated capillary tube for positively trouble free performance.

Temperature Control: Enclosed adjustable thermostat is factory pre-set. Requires no adjustment other than for altitude requirements.



Model FD-700-5



Model FHD-700-5

CONSTRUCTION

Cabinet: Cabinet wrapper supports fountain top and all working mechanisms. Removable front panel and cabinet sides are Sandalwood vinyl. Stainless Steel cabinet available at extra cost.

Fountain Top: One piece stainless steel top, polished to a uniform Elkay bright luster finish. Unique Swirl-Flo basin has an integral vandal-resistant strainer, embossed bubbler pad.

Exclusive Flexi-Guard® Safety Bubbler®: Innovative design utilizes a pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Meets UL requirements and all sanitary codes. Keyed in location to prevent rotation.

Insulated Hot Tank: Stainless steel storage tank heats and serves up to 40 cups per hour of piping hot water for soups and beverages (FHD-700-5 only).

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Pressure-Type Water Coolers are designed to operate on 20 psi to 105 psi supply line pressure. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this product to supply line pressures lower than 20 psi or higher than 105 psi is not covered by the warranty.

Note: In keeping with our policy of continuing product improvement, Elkay reserves the right to change materials, design and specifications without notice.

Elkay Electric Air Cooled Water Coolers are listed by Underwriters Laboratories, approved by C.S.A., rated in accordance with A.R.I. Standard 1010 and meet all known federal and state plumbing codes.



* Patent #4,481,971

Elkay Manufacturing Company
www.elkay.com

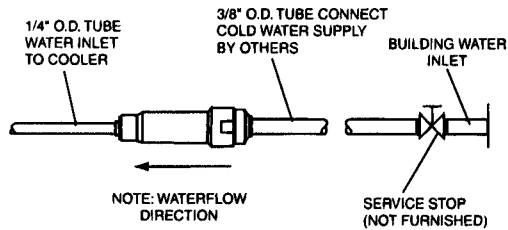
2222 Camden Court
 Oak Brook, IL 60523

Printed in U.S.A.
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 (Rev.6/99) 9-5E

No Lead Space-ette®
Floor-Mounted and Flush to Wall Water Cooler
Models FD-700-1, FD-700-3, FD-700-5, FD-700-8
FD-700-10 and FHD-700-5 (Hot and Cold Service)

ELKAY®

ROUGH-IN DIMENSIONS



IMPORTANT! INSTALLER PLEASE NOTE:

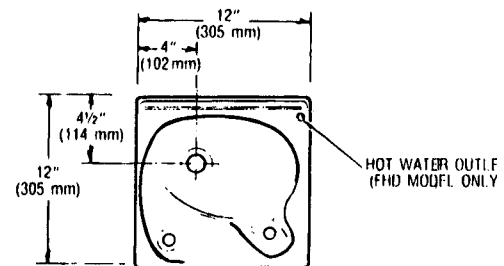
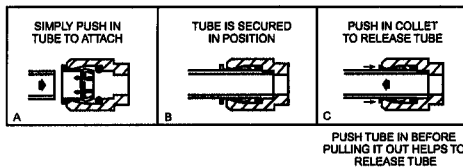
THIS WATER COOLER HAS BEEN DESIGNED AND BUILT TO PROVIDE WATER TO THE USER WHICH HAS NOT BEEN ALTERED BY MATERIALS IN THE COOLER WATER WAYS. THE GROUNDING OF ELECTRICAL EQUIPMENT SUCH AS TELEPHONE, COMPUTERS, ETC. TO WATER LINES IS A COMMON PROCEDURE. THIS GROUNDING MAY BE IN THE BUILDING BUT MAY ALSO OCCUR AWAY FROM THE BUILDING. THIS GROUNDING CAN CAUSE ELECTRICAL FEEDBACK INTO A WATER COOLER CREATING AN ELECTROLYSIS WHICH CREATES A METALLIC TASTE OR CAUSES AN INCREASE IN THE METAL CONTENT OF THE WATER. THIS CONDITION IS AVOIDABLE BY INSTALLING THE COOLER USING THE PROPER MATERIALS AS SHOWN BELOW.

NOTICE

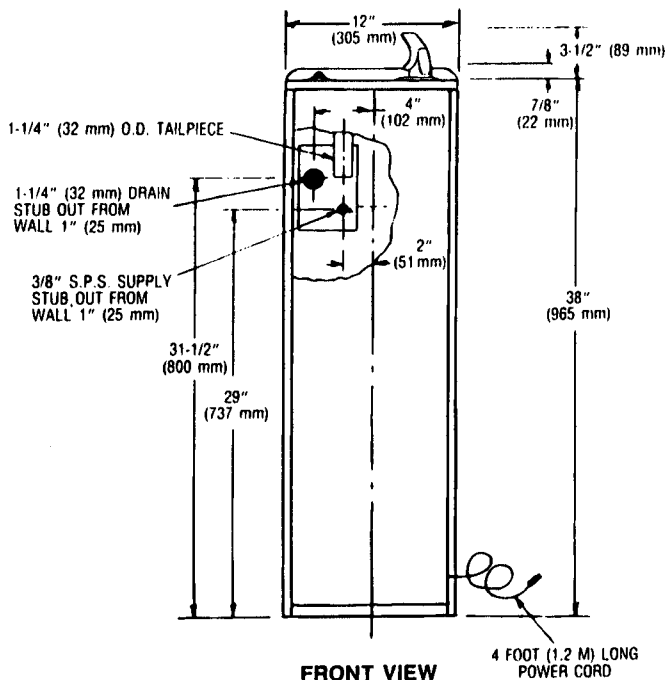
THIS WATER COOLER MUST BE CONNECTED TO THE WATER SUPPLY USING A DIELECTRIC COUPLING. THE COOLER IS FURNISHED WITH A NON-METALLIC STRAINER WHICH MEETS THIS REQUIREMENT.

THE DRAIN TRAP WHICH IS PROVIDED BY THE INSTALLER SHOULD ALSO BE PLASTIC TO COMPLETELY ISOLATE THE COOLER FROM THE BUILDING PLUMBING SYSTEM.

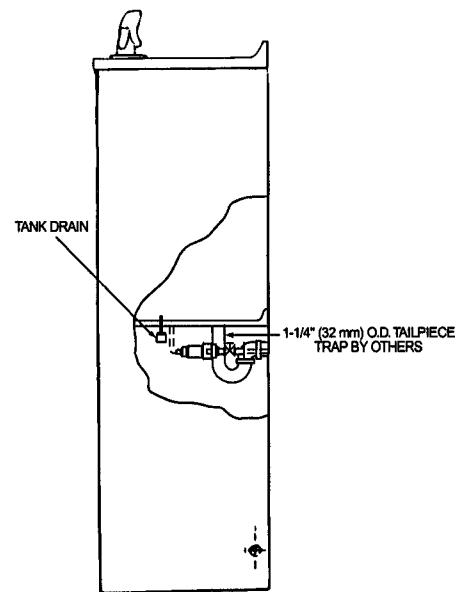
OPERATION OF QUICK CONNECT FITTINGS



TOP VIEW



FRONT VIEW



SIDE VIEW

**Push Lever
Glass Filler
Model LK1110**

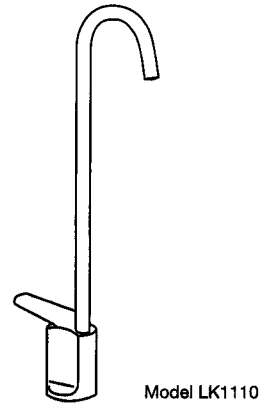
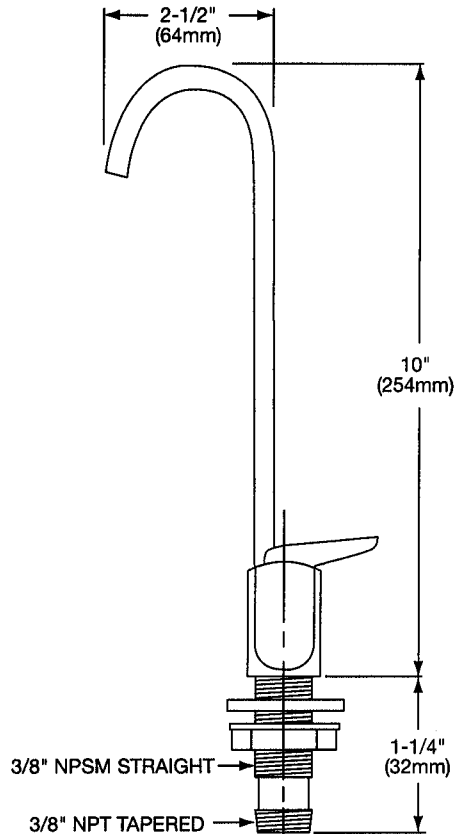
ELKAY®

SPECIFICATIONS

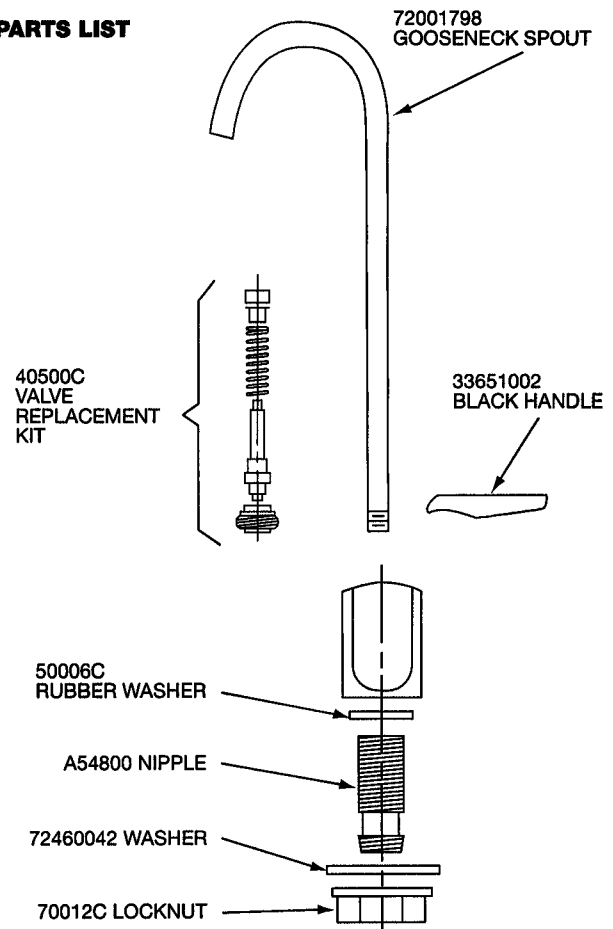
GENERAL

LK1110 stainless steel single water gooseneck glass filler, manufactured with 100% lead-free material, plastic push lever control, 10" (254mm) high overall, 3/8" I.P. connection. Ship. Wt. 3 lbs.

DIMENSIONS



PARTS LIST



Elkay Manufacturing Company

www.elkay.com

2222 Camden Court
Oak Brook, IL 60523

Printed in U.S.A.
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(Rev. 8/01) 16-3E

No Lead Wall Mount Compact Slant Front Water Cooler Models HEW1, HEW3 and HEW5

ELKAY®

SPECIFICATIONS

GENERAL

Self-contained, wall hung electric refrigerated water cooler. Capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

Non-pressurized tank system is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when valve button is pressed.

NO LEAD DESIGN

THIS WATER COOLER COMPLIES WITH THE LEAD-FREE DEFINITION IN THE SAFE DRINKING WATER ACT OF 1986 AND LEAD CONTAMINATION CONTROL ACT OF 1988.

Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free material. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of water born particulate of 140 microns and larger prior to their entry into the water cooler.



These water coolers are classified by Underwriters Laboratories Inc. in accordance with **ANSI/NSF61, Section 9-1997b.**

CAPACITIES CHART

Model Number	Base Rate	*GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass Filler Option	Ship Wt. Lbs.
		Room Temperature °F						
		70°F	80°F	90°F				
HEW1	1.0	1.2	1.1	1.0	180	3.0	No	40
HEW3	3.0	3.6	3.2	3.0	200	3.0	No	42
HEW5	4.6	5.5	4.8	4.6	250	3.8	No	48

*Based on 80°F inlet water temperature.

Rated watts shown are based on operational (run) time, in accordance with A.R.I. Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

COOLING SYSTEM

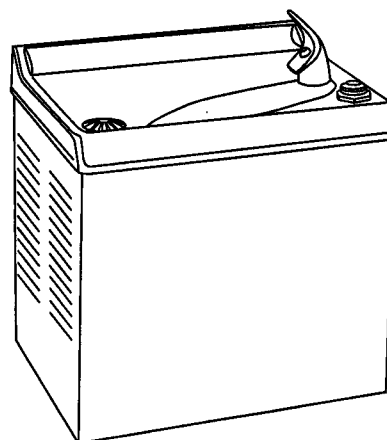
Motor Compressor: Hermetically sealed reciprocating type, 115V, 60 Hertz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug.

Condenser: Fan cooled, copper tube with aluminum fins. Fan motor is permanently lubricated.

Cooling Unit: Combination tube-tank type. Tube portion is continuous coil of copper tubing. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self-extinguishing material.

Refrigerant Control: Refrigerant HFC-134a is controlled by accurately calibrated capillary tube for positively trouble free operation.

Temperature Control: Enclosed adjustable thermostat is factory pre-set. Requires no adjustment other than for altitude requirements. Easily accessible.



Model HEW1

CONSTRUCTION

Cooler Top: One piece stainless steel basin, smoothly contoured and deep, polished to a uniform Elkay bright luster finish. Snap-out strainer for ease of cleaning vertical drain, without removing cooler top.

Cabinet: Cabinet is one piece wrap around. Removable for access to interior through front and sides.

Color: Sandalwood vinyl is standard. Stainless steel available at extra cost.

Exclusive Flexi-Guard® Safety Bubbler:** Innovative design utilizes a pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact and then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Meets UL requirements, and all sanitary codes. Keyed in location to prevent rotation. Patented** valve and in-line flow regulator provides constant stream from 20 to 105 psi.

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Electric Air Cooled Water Coolers are listed by Underwriters Laboratories Inc., approved by C.S.A., rated in accordance with A.R.I. Standard 1010 and meet all known federal and state plumbing codes.

STANDARDS



Elkay Electric Air Cooled Water Coolers are listed by Underwriters Laboratories Inc. and comply with both Canadian and U.S. requirements.



Rated in accordance with A.R.I. Standard 1010 and meets all known federal and state plumbing codes.

**Patent #4,481,971

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

Elkay Manufacturing Company

www.elkay.com

2222 Camden Court
Oak Brook, IL 60523

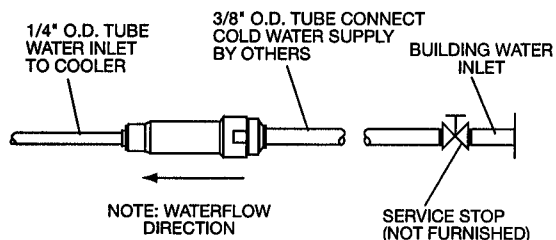
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(Rev. 9/01) 10-11F

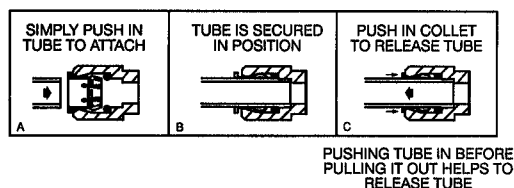
**No Lead Wall Mount Compact
Slant Front Water Cooler
Models HEW1, HEW3 and HEW5**

ELKAY®

ROUGH-IN DIMENSIONS



OPERATION OF QUICK CONNECT FITTINGS



**IMPORTANT!
INSTALLER PLEASE NOTE:**

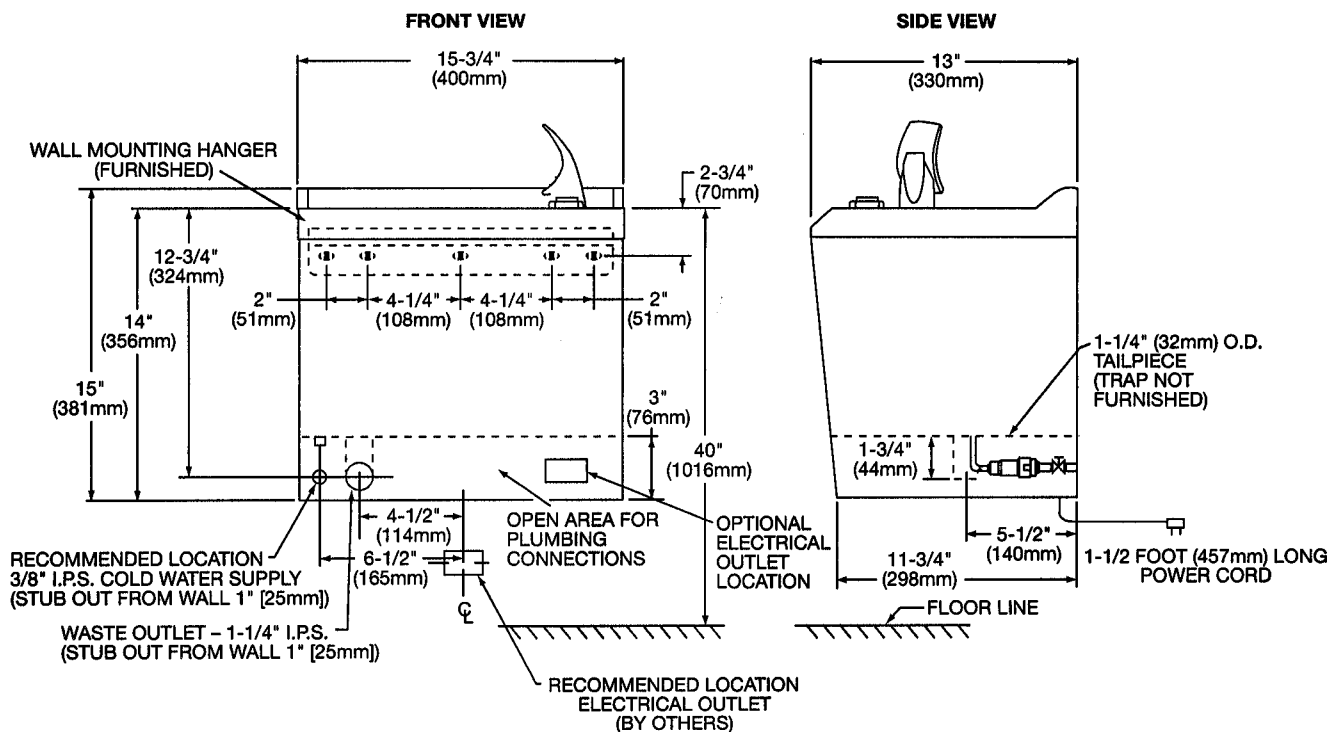
This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

NOTICE

This water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement.

The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.



Roughing-In Dimensions

Installation - A steel mounting hanger provides rigid support of the cooler on the wall. Install at normal bubbler height of approximately 40" (1016mm), or at a lower height for children. If recessed in an alcove, allow full opening beneath cooler, and at least 4" (102mm) or more on each side for air circulation.

**No Lead Floor Model Water Cooler
Air Cooled Models
EFA4, EFA8, EFA14, EFA16 and EFA20**

ELKAY®

SPECIFICATIONS

GENERAL

Self-contained, electric refrigerated, floor model water cooler. Capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

Non-pressurized tank system is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when valve button is pressed.

NO LEAD DESIGN

THIS WATER COOLER COMPLIES WITH THE LEAD-FREE DEFINITION IN THE SAFE DRINKING WATER ACT OF 1986 AND LEAD CONTAMINATION CONTROL ACT OF 1988.

Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free materials. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of water born particulate of 140 microns and larger prior to their entry into the water cooler.



These water coolers are classified by Underwriters Laboratories Inc. in accordance with **ANSI/NSF61, Section 9-1997b**.

CAPACITIES CHART

Model Number	Base Rate	*GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass Filler Option	Pre-Cooler	Ship. Wt. Lbs.
		Room Temperature °F							
		70°F	80°F	90°F					
EFA4	2.2	4.6	4.3	4.0	300	3.3	Yes	No	78
EFA8	8.0	9.2	8.6	8.0	420	5.5	Yes	No	81
EFA14	13.5	15.5	14.5	13.5	600	8.0	Yes	No	84
††EFA16	15.5	17.8	16.7	15.5	600	8.0	Yes	Yes	87
††EFA20	12	22.6	21.1	19.5	600	8.0	Yes	Yes	87

*Based on 80°F inlet water temperature.

*Pre-cooler capacities based on 60% spill through pre-cooler.

†Glass filler available at extra cost. Require factory preparation to receive glass filler.

††EFA16 and EFA20 meet only the lead-free definition of ANSI/NSF61, Section 9-1997b.

Rated watts shown are based on operational (run) time, in accordance with A.R.I. Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

Foot pedal available. Factory installed only.

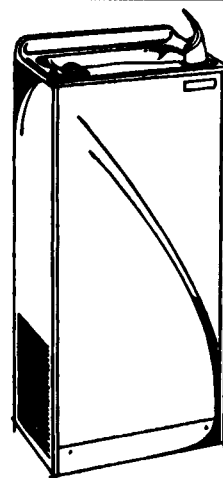
COOLING SYSTEM

Motor Compressor: Hermetically sealed, reciprocating type, 115V, 60 Hertz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug.

Condenser: Fan cooled, copper tube with aluminum fins. (EFA4 has steel tube with steel fins.) Fan motor is permanently lubricated.

Cooling Unit: Combination tube-tank type. Tube portion is continuous coil of copper tubing. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self extinguishing material.

Refrigerant Control: Refrigerant type HFC-134a is controlled by accurately calibrated capillary tube for positively trouble-free performance.



Model EFA4

Temperature Control: Enclosed adjustable thermostat is factory preset. Requires no adjustment other than for altitude requirements.

CONSTRUCTION

Fountain Top: One piece stainless steel top, polished to a uniform Elkay bright luster finish. Exclusive Cascade basin, tested most splash-resistant, features multi-level deck design with a built-in vandal-resistant strainer.

Exclusive Flexi-Guard® Safety Bubbler:** Innovative design utilizes a pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Meets UL requirements and all sanitary codes.

Removable Panel: Removable front panel offers easy accessibility to interior.

Color Selection: Gray Beige vinyl furnished as standard unless alternate panel color is selected. Alternate panel colors in vinyl are: Granite, Sandalwood, and Natural Almond. All furnished at no extra cost. Stainless steel available at extra cost.

Cabinet: Cabinet design allows for flush to wall mounting or free standing.

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Pressure-Type Water Coolers are designed to operate on 20 psi to 105 psi supply line pressure. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this product to supply line pressures lower than 20 psi or higher than 105 psi is not covered by the warranty.

STANDARDS



Elkay Electric Air Cooled Water Coolers are listed by Underwriters Laboratories Inc. and comply with both Canadian and U.S. requirements.



Rated in accordance with A.R.I. Standard 1010 and meets all known federal and state plumbing codes.

**Patent #4,481,971

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

Elkay Manufacturing Company

www.elkay.com

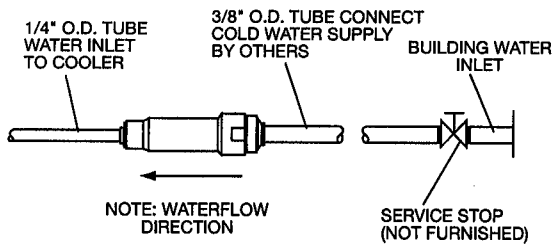
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(Rev. 8/01) 9-2F

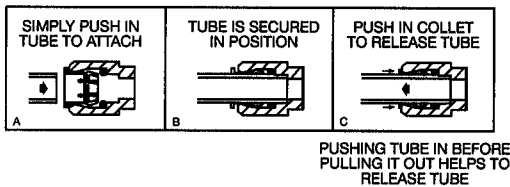
**No Lead Floor Model Water Cooler
Air Cooled Models
EFA4, EFA8, EFA14, EFA16 and EFA20**

ELKAY®

ROUGH-IN DIMENSIONS



OPERATION OF QUICK CONNECT FITTINGS



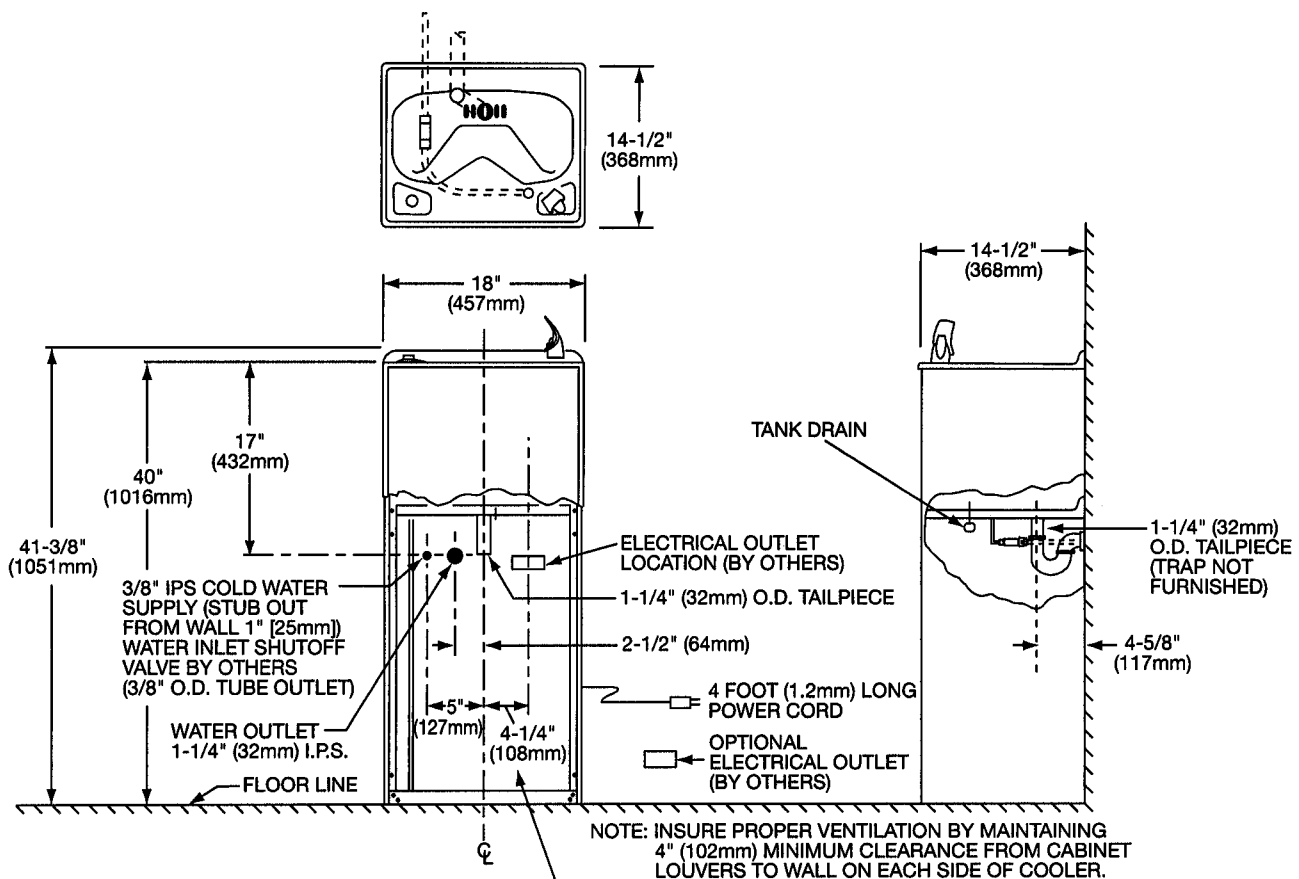
**IMPORTANT!
INSTALLER PLEASE NOTE:**

This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

NOTICE

This water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement. The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.



**PLUMBING ROUGH-IN CAN
BE LOCATED ANYWHERE
WITHIN THIS AREA.**

Elkay Manufacturing Company

2222 Camden Court
Oak Brook, IL 60523

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ELKAY[®]

SPECIFICATIONS

No Lead Wall Mount Water Cooler Air Cooled - Models EWA4, EWA8, EWA14, EWA16 and EWA20

GENERAL

Self-contained, electric refrigerated, wall hung water cooler. Capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

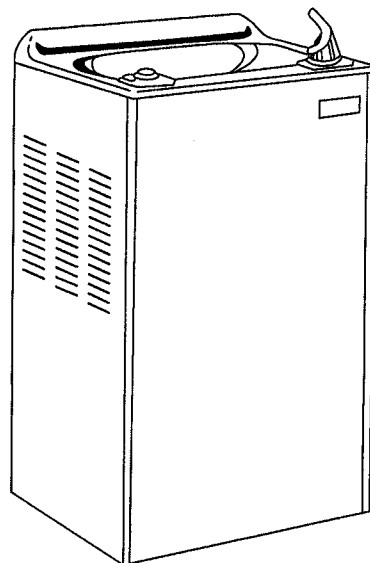
Non-pressurized tank system is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when valve button is pressed.

NO LEAD DESIGN

THIS WATER COOLER COMPLIES WITH THE LEAD-FREE DEFINITION IN THE SAFE DRINKING WATER ACT OF 1986 AND LEAD CONTAMINATION CONTROL ACT OF 1988.

Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free materials. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of waterborne particulate of 140 microns and larger prior to their entry into the water cooler.

EWA4, EWA8 and EWA14 are classified by Underwriters Laboratories Inc. in accordance with ANSI/NSF61, Section 9-1997b. EWA16 and EWA20 comply with the lead-free definition of ANSI/NSF61, Section 9-1997b.



Model EWA4

CAPACITIES CHART

Model Number	Base Rate	*GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass† Filler Option	•Pre-Cooler	Shlp. Wt. Lbs.
		Room Temperature °F							
		70°F	80°F	90°F					
EWA4	4.0	4.6	4.3	4.0	300	3.3	Yes	No	66
EWA8	8.0	9.2	8.7	8.0	420	5.5	Yes	No	69
EWA14	13.5	15.5	14.6	13.5	600	8.0	Yes	No	72
EWA16	9.6	18.6	17.3	15.5	480	5.6	Yes	Yes	76
EWA20	12.0	22.6	21.1	19.5	600	7.2	Yes	Yes	74

*Based on 80°F inlet water temperature.

†Pre-cooler capacities based on 60% spill through pre-cooler.

‡Glass filler available at extra cost. Requires factory preparation to receive glass filler.

Rated watts shown are based on operational (run) time, in accordance with A.R.I. Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

COOLING SYSTEM

Motor Compressor: Hermetically sealed, reciprocating type, 115V, 60 Hz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug.

Condenser: Fan cooled, copper tube with aluminum fins. (EWA4 has steel tube with steel fins.) Fan motor is permanently lubricated.

Cooling Unit: Combination tube-tank type. Tube portion is continuous coil of copper tubing. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self extinguishing material.

Refrigerant Control: Refrigerant HFC-134a is controlled by accurately calibrated capillary tube for positively trouble-free performance.

Temperature Control: Enclosed adjustable thermostat is factory preset. Requires no adjustment other than for altitude requirement.

CONSTRUCTION

Fountain Top: One piece stainless steel top, polished to a uniform Elkay bright luster finish. Exclusive Cascade basin tested most splash-resistant, features multi-level deck design with a built-in vandal-resistant strainer.

Exclusive Flexi-Guard® Safety Bubbler:** Innovative design utilizes an infused anti-microbial pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Keyed in location to prevent rotation.

Removable Panel: Removable front panel offers easy accessibility to interior. Cabinet design allows for flush to wall mounting.

Color Selection: Gray Beige vinyl furnished as standard unless alternate wrapper color is selected. Alternate wrapper colors in vinyl are: Granite, Sandalwood, and Natural Almond. All furnished at no extra cost. Stainless steel units available at extra cost.

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Pressure-Type Water Coolers are designed to operate on 20 psi to 105 psi supply line pressure. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this product to supply line pressures lower than 20 psi or higher than 105 psi is not covered by the warranty.

STANDARDS



Elkay Electric Air Cooled Water Coolers are listed by Underwriters Laboratories Inc. and comply with both Canadian and U.S. requirements.



Rated in accordance with A.R.I. Standard 1010 and meets all known federal and state plumbing codes.

**Patent #4,481,971

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

Elkay

www.elkayusa.com

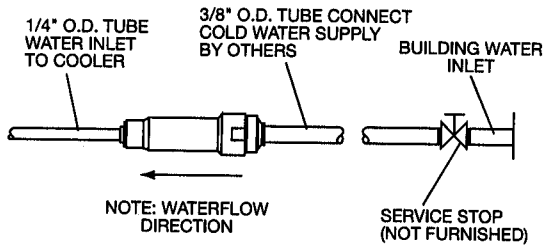
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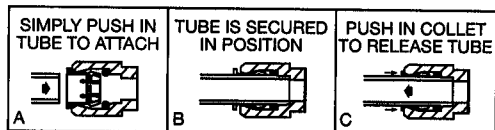
(Rev. 7/03) 10-8G

**No Lead Wall Mount Water Cooler
Air Cooled – Models EWA4, EWA8,
EWA14, EWA16 and EWA20**

**ELKAY®
ROUGH-IN DIMENSIONS**



OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE
PULLING IT OUT HELPS TO
RELEASE TUBE

**IMPORTANT!
INSTALLER PLEASE NOTE:**

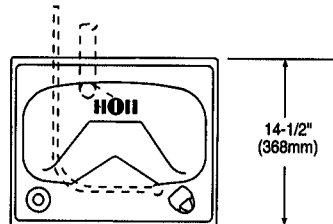
This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

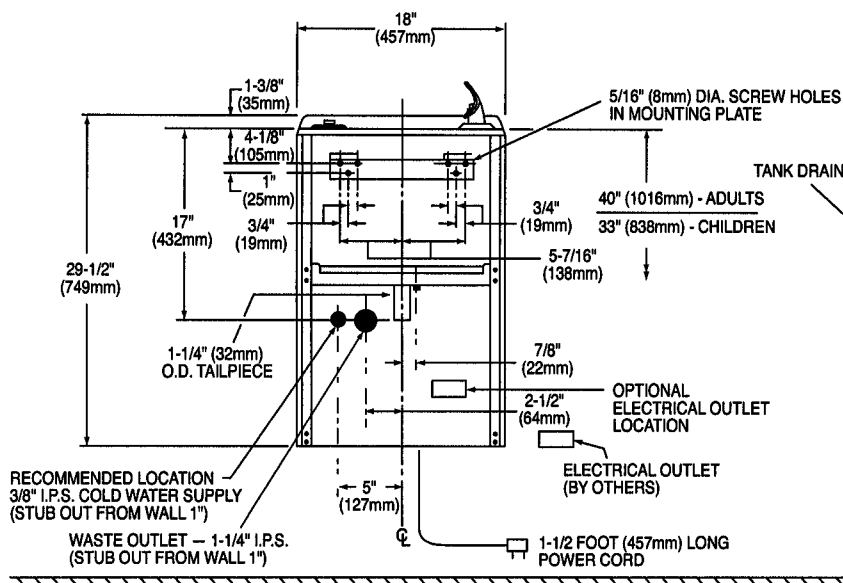
NOTICE

This water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement. The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.

TOP VIEW



FRONT VIEW



SIDE VIEW

